ABSTRACT

A system assembly (110) and a process for installation of it's major components, comprised of a clamping apparatus (10) for precision processing of a work piece (58) on a wood shaper (68), a router table (72) and a table saw (70). A machine operator can load a work piece (58) onto a platform base (12) and fix the work piece (58) by means of a block (62), a clamp (30), a clamp (34) and a sacrifice stick (60) held by a clamp (44). The operator moves the entire assembly (10) along a processing machine fence guide (98) while engaging the overhead guide/guard (26) continuously with the processing machine fence guide (98). Comprised of an adjustable back fence assembly (112) for precision processing of a work piece (58) on a wood shaper (68), a router table (72) and a table saw (70). A machine operator can load a work piece (58) onto a processing machine table surface (96) and guide the work piece (58) in either direction for normal and climb cutting and shaping by means of a horizontal plate (114), an indexing channel system (116) and a pressure bar device (142).